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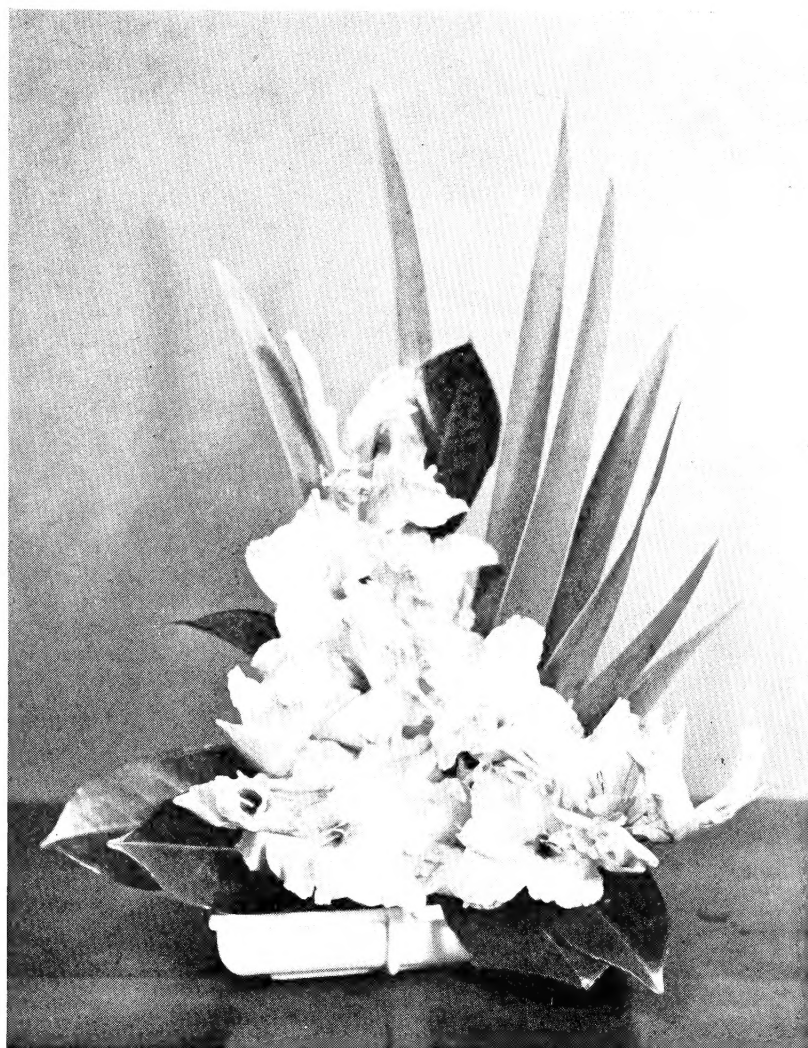
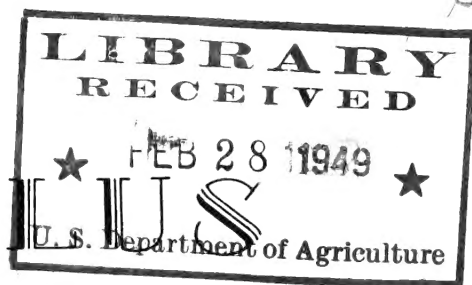
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GLADIO



ROGER B. RUSSELL

OLD MIDDLETON ROAD
MADISON 5, WISCONSIN

Foreword

It is with pleasure that we place our 1949 catalog in your hands. We wish to take this opportunity to thank you for all the splendid business given us during the past years. And more particularly, we wish to thank you for the fine letters many of you have written when you received your bulbs or they were in bloom. Your letters have given us a deep satisfaction. We regret we have not answered all of them, but with two members of our 'firm' in University and one in High School, we do not always do all of the things we plan to accomplish.

There are a number of means of advertising a business such as ours but we have found that the best advertising is done by satisfied customers. If you are enthusiastic about our bulbs it is natural that you should express your opinion of them to friends; and of course the opposite also holds true. So we know that if we keep our bulbs as healthy and as vigorous as possible and give you just a little more than you expect when we fill your order, we will be on the right track toward making you a friend.

We have added a number of new varieties to the list this year which we hope meet with your approval. Last summer we grew over 150 new ones—1947 and 1948 introductions. Some we are listing this year. We are buying additional stock of some in order to grow and list them next year. Some are being discarded. We have always followed the policy of growing our own stock and of becoming sure of a variety before we offer it to you. We are also reluctant to drop an old variety as long as we love to grow it in our own garden and it is in demand as a cut flower.

On the last page of this catalog will be found values in *Gladiolus* bulbs which will be hard to duplicate anywhere. They are priced low not because of quality but because of quantity—we have fairly large stocks of them. If you want a lot of fine *gladiolus* for a minimum expenditure, be sure to check through the Home Gardener's Special.

We have gone back to the alphabetical listing of varieties and have added a listing by color class. We hope this will help you in selecting the color of glads you would like to grow.

May we wish you a GLAD year for 1949.

LISTING ACCORDING TO COLOR CLASS

White

Casablanca
Crystal
Eureka
Fair Angel
Jack Frost
Mary Odell
Mt. Index
Silver Wings
Snowbound
Virgin
Vredenburg
White Challenge
White Eagle
White Magic
White Satin

Cream

Fluffy Ruffles
Lake Placid
Leading Lady
Oriental Pearl
Shirley Temple
Vee Cream
Wanda
White Gold

Yellow

Crinkle Cream
Golden Chimes
Novelette
Oregon Gold
Spotlight
Tahlahneka
Vangold

Buff

Apricot Glory
Buffette
Butterscotch
Gunpowder
Marimba

Orange

Acca Laurentia
Bittersweet
Hi Hat
Hurricane
Kestrel
Lantana
Larime
Orange Prince
Vassar

Salmon

Beauty Clynic
Bengasi
Harmau
H. B. Pitt
Journey's End
Kildonan
Linda Lloyd
Loveliness
Marguerite
Marion Pearl
Nadia
Ogarita
Pink Picardy
Spic and Span

Scarlet

Marseillaise
Massasoit
Mercury
Prim Picottee
Rhett Butler
Valeria

Pink

Candy Heart
Cherry Jam
Connecticut Yankee
Deborah Sampson
Ethel Cave Cole
Fabulous
Gavotte
Legend
Mermaid
Mystery
Phantom Beauty
Pink Charm
Pink Paragon
Rosa van Lima
Stella Antisdale
Sylvia Twing
Yankee Lass

Red

Black Opal
Black Panther
Hawkeye Red
Jules Amott
King Click
Kewpie
Mohawk
Red Charm
Red Lightning

Rodney
Stoplight
Summer Fragrance

Rose

Burma
Cape Cod
Exquisite
Indian Princess
Magnolia
Miss Wisconsin
Paula Ann

Lavender

Lavendel Dream
Abigail
Elizabeth the Queen
Elwood
Highlander
Hoosier Lady
Lavender Prince
Myrna Fay
Patrician
Wedgewood

Purple and Violet

Blue Ice
Blue Lagoon
Bluet
Gloaming
King Lear
Kulshan
Lancaster
Lexington
Mrs. Mark's Memory
Parnassus
Purple Supreme
Raysheen

Smoky

Buckeye Bronze
Gray Dawn
High Finance
Ieka
Irak
King Tan
Misty Dawn
Oklahoma
Pastel
Pinocchio
Tunias Mahomet
R. B.

DISCOUNT

On cash orders of from \$5.00 to \$10.00 select 10% extra in bulbs of your own selection.

On cash orders of from \$10.00 to \$20.00 select 15% extra in bulbs.

On cash orders over \$20.00 select 20% extra in bulbs.

Collections and the Home Gardener's Special are not to be included for discount.

GENERAL RETAIL LIST

Gladiolus are classified by size: Miniature glads 100, Small 200, Medium 300, Large 400 and Giant 500. Color is classified by the second two digits: 00 is white, 06 cream; 50 light red, 52 deep red, 54 black red, etc. In the alphabetical list of varieties this information is given concerning a variety: Name of variety (HIGHLANDER); size and color class (466); days from planting to bloom (75); the name of the originator and the year of introduction (Zimmer 1945).

ABIGAIL 366-80 (Myers 44) An early lavender, rich in color. Opens 7 or more florets on a tall straight spike
L 1—\$1.00 M 1—75c

ACCA LAURENTIA 320-70 (K & M 42) Deep orange yellow with a lighter throat. Well placed florets on a tall straight spike. Would be more popular with an easier name!
L 1—25c

APRICOT GLORY 416-80 (Sisson) A tall soft apricot. This new variety looks very promising in its color class.
L 1—75c

BEAUTY CLYNIC 430-85 (Wilson 42) Beautifully ruffled, wide open, light pastel salmon pink.
L 2—35c M 2—25c

BENGASI 430-85 (Cave 43) LaFrance pink, throat almost white, edges of florets deeper in color. Long heavy flowerhead, immense spike and florets.
L 1—\$1.00 M 1—50c

BITTERSWEET 422-85 (Troyer 43) Bittersweet orange with a red throat. Tall and fine.
L 1—25c

BLACK OPAL 454-92 (Errey 36) Very deep maroon, somewhat marbled. If you like "black" glads, you will like Black Opal.
L 2—25c M 3—25c S 6—25c

BLACK PANTHER 454-80 (Lins 43) Exceptionally large flowered "black" red, tall spikes and vigorous plant. The largest of the dark colored glads.
L 1—50c M 1—35c

BLUE ICE 476-85 (Butt 45) Attractive light blue with a small cream throat. Large florets and spikes, consistent performer.
L 1—\$3.50 M 1—\$2.25 S 1—\$1.50

BLUE LAGOON 476-70 (Snyder 46) Dark violet of good color value. Plants are tall and make good long spikes. Opens several good sized florets on a tall straight spike.
L 1—\$1.50 M 1—\$1.00

BLUET 378-80 (Mitsch 39) Almost a sky-blue. Has a creamy yellow throat that blends well.
L or M 1—25c S 2—25c

BUCKEYE BRONZE 490-80 (Wilson 42) Very beautiful bronze. Distinctive florets, well ruffled and fluted. One of the finest of autumn colors.
L 2—25c M 4—25c S 6—25c

BUFFETTE 416-85 (Winsor 37) Clear buff with fine red pencil lines in the throat. An unusual color.
L 2—25c

BURMA 462-85 (Palmer 43) Favorite in the deep rose reds. Exceptionally long spike and an all-around fine glad.
M 2—25c S 4—25c

BUTTERSCOTCH 416 (Langworthy 48) A warm bright Indian yellow pastel. Long flowerheads, large spikes, opens well.
L 1—\$1.00 M 1—75c S 1—50c

CANDY HEART 441-80 (Salbach 38) Soft flesh pink. Throat is creamy and overlaid with two light carmine plumes. Florets are large and somewhat hooded.
L 3—25c

CAPE COD 460-80 (Winsor 42) Lilac rose and a creamy throat with a feather of slightly deeper lilac. Perfectly formed spike and one of the loveliest of glads.
L 1—35c M 1—25c S 2—25c

CASABLANCA 400-95 (Majeski 44) A very fine white. Opens 6 to 8 nicely ruffled florets on a tall spike.
L 2—25c M 3—25c S 5—25c

CHERRY JAM 443-75 (Zimmer 43) Deep pink blending into a darker pink throat. Well named.
L 1—25c M 2—25c S 4—25c

- CONNECTICUT YANKEE** 441-90 (Schenetsky 44) Large blush pink with a most attractive red throat. Opens 8 florets on a tall spike. One of the best.
L 1—\$1.00 M 1—75c S 1—50c
- CRYSTAL** 500-80 (Both 38) Pure crystal white, large florets.
L 1—25c
- CRINKLE CREAM** 410-86 (Ellis 40) A fine ruffled medium yellow. Tall spike with 4 to 5 beautiful florets open at a time.
L 2—35c
- DEBORAH SAMPSON** 540-85 (Scheer 47) Stately spikes with 8 large clear light pink florets on a long flowerhead. Reliable grower and consistent producer of fine spikes.
L 1—\$1.50 M 1—\$1.00
- ETHEL CAVE COLE** 440-75 (Cave 41) Lovely light pink, slightly deeper rose throat. Tall spike.
L 3—25c
- ELIZABETH THE QUEEN** 566-86 (White 41) Well ruffled deep lavender which with sufficient water can produce marvelous spikes. A very fine glad.
L 2—25c M 3—25c
- ELWOOD** 466-110 (Heaton 38) A late lavender with a rich cream throat.
L 3—25c
- EUREKA** 500 (Fairweather 48) A very white sport of Picardy, florets are not ruffled. Whiter than Silver Wings. Tall, straight spikes with 8 florets open.
L 1—\$1.00
- EXQUISITE** 562-70 (Both 40) Deep salmon with reddish lines in a creamy throat. Very tall spikes and one of the first to bloom.
L 2—25c M 3—25c
- FABULOUS** 442-85 (LaSalle 46) A striking deep pink with a red blotch on a large cream throat. Tall straight spikes and large florets.
L 1—\$1.00 M 1—75c
- FAIR ANGEL** 500-80 (Hatch 42) Well shaped fluted florets. Clear white shading into a creamy throat.
L 2—25c M 3—25c S 4—25c
- FLUFFY RUFFLES** 206-70 (Brown) Miniature cream. Florets loose in form and wide spread. Very early.
L & M 3—25c
- GAVOTTE** 440 (Roberts 46) A frilled light pink, medium height.
L 1—75c M 1—50c
- GLOAMING** 370-77 (Zimmer 37) Clear bright light purple with a cream throat. Florets are medium size, spikes tall and willowy.
L 3—25c M 5—25c
- GOLDEN CHIMES** 410-85 (Ellis 29) Old favorite. Tall, large, clean light yellow.
L 3—25c
- GRAY DAWN** 480-95 (Both 43) Dark slate gray speckled light gray. Unusual and highly attractive.
L 1—50c
- GUNPOWDER** 516-85 (Sewell 41) Large clear light buff.
L 3—25c
- HARMAU** 532-75 (Both 40) Startling shade of salmon red. Early
L 2—25c M 3—25c
- HAWKEYE RED** 450-85 (Heaton 44) Bright red sport of Vagabond Prince, a solid red color. Makes an excellent cut flower.
L 2—25c M 3—25c S 5—25c
- H. B. PITT** 430-80 (Both 39) Light orange pink, cream throat. Large, strong plant.
L 3—25c
- HIGH FINANCE** 580-95 (Wilson 40) Light orange gray with cream throat. Some ruffling. Large florets and spikes.
L 3—25c
- HIGHLANDER** 466-75 (Zimmer 45) Deep lavender or lilac, slightly recurved petals. Tall, well shaped spike.
L 1—75c M 1—50c
- HI HAT** 420-100 (Lins 45) Orange pink with the full spike in color.
L 1—75c
- HOOSIER LADY** 466-75 (Zimmer 43) Fine lavender with a touch of rose, creamy throat. Tall straight spikes.
L 1—35c M 1—25c
- HURRICANE** 524-78 (Evans 42) Bright salmon toned orange, clear cream throat marked with small cherry lines.
L 3—25c
- IEKA** 480-80 (Tuttle 37) Gray smoky with a red throat, large and quite attractive.
L 3—25c M 5—25c S 8—25c
- INDIAN PRINCESS** 262-85 (Zimmer 37) American Beauty red, heavily ruffled round small florets. Tall willowy spike.
L & M 3—25c
- IRAK** 480-90 (Mitsch 37) Silvery gray, very clean. Unusual color, large spikes.
L 3—25c M 5—25c S 8—25c

- JACK FROST** 400-85 (Stewart 40) White with a light pink over-tone. Well named.
L 3—25c
- JOURNEY'S END** 432-75 (Kadel 43) Salmon red. Throat and petal margins are a deeper salmon. Large florets.
L 1—50c
- JULES AMOTT** 452-90 (Wilson 40) Rich velvety dragon red, slightly darker on the lip. Unusual color.
L 3—25c
- KESTREL** 424-80 (Palmer 45) Light salmon orange with a creamy throat which is bordered by a darker orange. Unique color, different from all other orange glads.
L 1—25c
- KEWPIE** 150-68 (Brown 30) Very small deep rosy red florets, yellow edging on petals.
L or M 3—25c
- KILDONAN** 432-85 (Almey 42) Light orange salmon, yellow throat, ruffled. Tall spike and strong plant.
L 3—25c
- KING CLICK** 452-90 (Wilson 41) Bright red, tall and large. Always a perfect spike.
L 2—25c
- KING LEAR** 470-75 (Palmer 38) Ruffled red-purple, silver line on the edge of the petals. Florets are large on a tall spike.
L 3—25c M 5—25c S 8—25c
- KING TAN** 490-80 (Wilson 41) Large rosy tan, beautiful spikes of an unusual color in glads. Color is soft and very pleasing.
L 3—25c M 4—25c S 5—25c
- KULSHAN** 470-80 (Kaylor) Clear wine purple, very bright and clear.
L 2—25c
- LAKE PLACID** 406-90 (Wilson 45) Tall lovely ruffled cream with a yellow lip and a slight hood. Many florets open. Distinctive and one of the best cream.
L 1—40c M 1—30c
- LANCASTER** 470-85 (Palmer 44) Dark purple, slightly ruffled. 8 or more florets open on a tall straight spike.
L 1—35c M 1—25c
- LANTANA** 420-75 (Palmer 43) An early pastel orange shading through orange salmon to a yellow throat. A really fine color combination.
L 2—25c
- LARIME** 424-90 (Wilson 43) Deep orange with a red-orange throat.
L 1—35c M 1—25c
- LAVENDEL DREAM** 466 (Holland) Delicate light lavender. A new variety that will be popular because of its delicate color.
L 1—25c
- LAVENDER PRINCE** 466-85 (LaSalle 44) Deep violet lavender, occasionally flecked but usually clear. Makes an excellent spike.
L 1—25c
- LEADING LADY** 506-87 (Johnson 42) Very large well ruffled creamy white. Faint yellow in throat. An exceptionally fine glad.
L 2—30c M 3—25c S 5—25c
- LEGEND** 440-85 (Fischer 40) Very fine light salmon pink, many florets open.
L 3—25c
- LEXINGTON** 570-80 (Hatch 43) Large, light purple. Probably the largest floret and spike in this color class.
L 3—25c M 5—25c
- LINDA LLOYD** 432-70 (C. M. Evans 47) Deep salmon blending to a cherry blotch in the throat. Long flowerhead.
L 1—75c
- LOVELINESS** 130-75 (Koerner 42) Very small florets, pink and white. Good for arrangements.
L or M 3—25c
- MAGNOLIA** 460-85 (Palmer 40) Light creamy rose, large florets.
L 3—25c
- MARGUERITE** 532-80 (Pommert 39) Large watermelon pink with a cream throat, ruffled.
L 3—25c M 4—25c
- MARIMBA** 416-85 (Palmer 42) Light buff, sometimes tinged pink. Will open up to 12 florets in the field. Unusually long flowerhead and a fine tall spike.
L 2—25c
- MARION PEARL** 532-85 (Benedict 43) Big salmon pink with a lighter throat, very beautiful. Medium height.
L 1—50c M 1—40c
- MARSEILLAISE** 536-95 (Scheer 41) Glowing deep crimson-scarlet, cream lines on the lower petals. Large, straight, fine spikes. Late.
L 2—25c
- MARY ODELL** 400 (Cave 48) A vigorous pure white of sedate beauty. Consistent performer, long flowerhead, tall spike.
L 1—\$1.00
- MASSASSOIT** 236-70 (Brown) Deep blood red, very clear color. Small florets, early.
L or M 3—25c

- MERCURY** 436-85 (Lins 41) Brilliant vermillion. Long flowerhead and graceful spike.
L 2—25c
- MERMAID** 442-85 (Palmer 41) Medium pink with a cream throat. Florets slightly ruffled.
L 2—25c
- MISS WISCONSIN** 460-90 (Krueger 43) A very fine deep rose pink, quite outstanding.
L 1—35c M 1—25c S 2—25c
- MISTY DAWN** 580-95 (Rich 41) Soft smoky gray salmon with light bluish flakes at the edge, orange red throat. Tall willowy spikes. Late.
L 2—25c M 3—25c S 6—25c
- MOHAWK** 454-85 (Stevens 40) Fine velvety dark maroon.
L 2—25c M 4—25c
- MRS. MARK'S MEMORY** 570-88 (K & M 39) Large red-violet with a small dark carmone blotch.
L 3—25c
- MT. INDEX** 401-65 (Miller 42) Waxy white florets with a pure golden throat. Very early.
L 2—25c M 3—25c S 5—25c
- MYRNA FAY** 466-70 (Lines 46) Early lavender which makes a fine cut flower.
L 1—75c M 1—50c S 1—25c
- MYSTERY** 541-85 (Stinson 44) Clear pink with a touch of rose in the throat. Florets large, wide open and ruffled.
L 1—35c M 1—25c
- NADIA** 230-90 (Leffingwell 37) Peaches and cream, long spikes and many small florets open.
L 2—25c.
- NOVELETTE** 310-90 (Krueger 42) Lovely apricot with a faint pink tinge. Has an unusual floret shape—round and cup shaped, making it very useful in arrangements.
L 1—25c
- OGARITA** 532-90 (Wilson 42) Rosy salmon with yellow shading in the throat. Very tall spikes. Late.
L 2—25c
- OKLAHOMA** 490-95 (Wilson 45) A marvel of color—lavender gray, cream throat, ruffled. Blends well with any color.
L 1—50c
- ORANGE PRINCE** 324-80 (Snyder 45) Dazzling orange, slightly on the red side.
L 1—35c M 1—25c
- OREGON GOLD** 410-95 (Majeski 41) A very fine late ruffled light yellow.
L 2—25c M 3—25c S 5—25c
- ORIENTAL PEARL** 506-85 (Carlson 46) Giant pearly white. Florets are wide open, plain petalled and overlap, giving a solid, well balanced spike.
L 1—50c M 1—40c S 1—25c
- PARNASSUS** 470-85 (Ristow 42) Pleasing shade of rich purple. Large round florets with a white line in the throat. Medium height.
L 3—25c
- PASTEL** 480-95 (Both 41) A perfect pastel blend smoky. Velvety rosy gray petals edged steel blue. Color is soft, smooth and lovely.
L 1—25c
- PATRICIAN** 566-87 (Scheer 46) Patrician is a lavender self, very pure color. It is one of the loveliest of glads.
L 1—\$6.00
- PAULA ANN** 460-95 (Toben 42) Tall excellent spikes, large well ruffled salmon pink florets. A very fine glad.
L 2—25c M 3—25c S 4—25c
- PHANTOM BEAUTY** 440 (Bastian 47) Lovely clear blush pink that opens many florets on a long, perfectly placed flowerhead. Excellent grower and cut flower.
L 1—\$4.00 M 1—\$3.00
- PINK CHARM** 542-75 (LaSalle 46) Medium deep pink with a deep pink throat. Waxy appearance. Because so early it is almost in a class by itself.
L 1—50c M 1—35c
- PINK PARAGON** 442-85 (Cassebeer 43) Clear pink with a white throat. One of the purest of pinks.
L 1—25c
- PINK PICARDY** 532-90 (Earl) Rich ruffled pink sport of Picardy.
L 1—25c M 2—25c
- PINOCCHIO** 390-75 (Evans 40) A pleasing combination of pink, yellow, green and orange which gives the general impression of light yellow. Florets are round, wide open and intensely ruffled. Early.
L 3—25c
- PRIM PICOTTEE** 336-85 Long narrow petals, red with yellow edging. A very unusual oddity, but desirable.
L 2—25c
- PURPLE SUPREME** 470-90 (Wilson 42) Tall clear purple, long flowerheads and tall straight spikes. A very good late cut flower.
L 2—25c M 3—25c

- RAYSHEEN** 476-80 Lovely light blue with a silvery overtone which is most pleasing. My favorite blue. L 1—25c M 2—25c
- R. B.** 586-90 (Upton 40) Immense golden brown with a silver sheen and a silver edge on the florets. Very unusual. Makes mammoth spikes. L 3—25c M 4—25c
- RED CHARM** 452-85 (Butt 39) Dark, deep, glistening crimson red. Spikes are always tall, straight and uniform. L 2—25c M 3—25c
- RED LIGHTNING** 450-90 (Pruitt 40) Flaming red with a white throat. Long flowerheads, but has a short cutting stem. L 3—25c
- RHETT BUTLER** 336-70 (Kuhn 47) A brilliant orange scarlet. Excellent to combine with early whites. One of the earliest in this color class. L 1—\$1.00 M 1—75c S 1—50c
- RODNEY** 552-92 (Coates 39) Very spectacular glad. Beautiful dark glistening scarlet with a startling white throat. Vigorous grower. L 1—50c
- ROSA VAN LIMA** 440-75 (Pfizer 40) Early, clear pure bright pink. Light throat and midrib. L 3—25c
- SHIRLEY TEMPLE** 406-100 (Pruitt 37) Beautiful cream florets which have a strongly fluted, wide open form. Tall spikes. The best late cut flower in its color class. L 3—25c
- SILVER WINGS** 500-88 (Ritsems 43) Pure white, heavily ruffled sport of Picardy. Very large florets, excellent spikes. L 1—25c M 2—25c S 3—25c
- SNOWBOUND** 400-80 (Ellis 42) A white that is really white. Because it does not propagate rapidly it has not received the attention it deserves. An excellent glad. L 1—\$3.00
- SPIC AND SPAN** 432-85 (Carlson 46) Heavily ruffled deep pink. Long straight perfect spikes. Clear color and excellent placement. If we could keep but one glad in this color class it would be Spic and Span. L 1—\$1.75 M 1—\$1.50 S 1—\$1.25
- SPOTLIGHT** 412-80 (Palmer 44) Deep yellow with a warm red spot in the throat. Good size florets on tall straight spikes. L 1—20c M 2—25c S 4—25c
- STELLA ANTISDALE** 540-80 (Evans 40) Soft light pink. Throat is lighter pink and cream. Tall spikes. L 3—25c
- STOPLIGHT** 552-90 (Lins 42) Intense red, ruffled, very straight and tall. Has everything required of a good cut flower. M 4—25c S 6—30c
- SUMMER FRAGRANCE** 352-75 (Zimmer 43) Round reddish florets with yellow throat. Has a distinct rose fragrance which makes it desirable. L 2—25c
- SYLVIA TWING** 440-80 (Winsor 42) Silvery pink, almost a light lavender. Cream throat, some pink penciling. A consistent cut flower. L 3—25c
- TAHLAHNEKA** 410-85 (Kaylor 42) Medium light yellow that is very fine. Good grower, straight spikes with many florets open. L 2—25c
- TUNIAS MAHOMET** 580-75 (Both 41) Deep velvety plum rose with orange scarlet throat. Produces immense spikes with huge florets. One of the earliest and most desirable smokies. L 1—35c M 1—25c
- VALERIA** 436-90 (Pruitt 38) Tall straight deep scarlet, very bright. A dependable glad. L 2—25c
- VANGOLD** 312-75 (Van Voorhis 40) Deep golden yellow, a pure rich color. L 2—25c M 3—25c S 5—25c
- VASSAR** 320-92 (Hedgecock 40) Heavily ruffled, deep apricot yellow. Color is rich. Spikes are not long. L 3—25c
- VEE CREAM** 406-85 (Van Voorhis 39) Ruffled cream with a pleasing scarlet throat. Long flowerhead but usually with a short stem. L 3—25c
- VIRGIN** 400-09 (Lins 46) A large pure white glad, perfect placement. L 1—75c M 1—50c
- VREDENBURG** 400-75 (Pfizer 37) Paper white, probably the whitest of all glads. L 3—25c
- WANDA** 406-83 (Snyder 41) Deep cream sport of Picardy. Well ruffled, large and full. L 3—25c
- WEDGEWOOD** 366-75 (Fischer 47) Beautiful ruffled lavender with a cream throat. Florets are medium size and precisely arranged. L 1—\$1.00

- WHITE CHALLENGE** 501-85 (Arnett 47) Heavily textured white with a light rose pink blush and a pleasing rose throat. Healthy and vigorous plant. L 1—\$3.50 M 1—\$2.50
- WHITE EAGLE** 300-85 (Ellis 39) An exquisite medium size white, heavily ruffled. Long graceful spikes that are very beautiful. L 1—25c M 2—25c S 4—25c
- WHITE GOLD** 506-70 (Scheer 41) One of the most satisfactory of all glads for the home garden. Huge creamy florets on a tall spike. Plant is very large and healthy. L 3—25c M 5—25c S 6—25c
- WHITE MAGIC** 500 (Kuhn 47) Heavily ruffled, clear white. Has a cool, crisp, breath-taking quality. Opens six large florets on tall straight spikes. L or M 1—\$3.00
- WHITE SATIN** 100-70 (Koerner 42) Pure cream white with white stamens and pistil. A true 'face up'. Thin wiry stems carrying 1½ to 2 inch florets. L 2—25c
- YANKEE LASS** 440-80 (Schenetsky 46) A beautiful bright pink, very tall, up to 10 good size florets open on a long flowerhead. A sensational glad. L 1—\$2.50 M 1—\$1.50 S 1—\$1.00

GLADIOLUS CULTURE

The following suggestions apply to average normal growing conditions and necessarily must be rather general.

Stock for Planting: Secure healthy stock from a reliable source specializing in growing quality gladiolus bulbs. Maximum size bloom usually are obtained from large, plump, high-crowned bulbs of at least an inch or more in diameter. A large bulb is simply a larger storehouse of food for the plant than a small one. Also a large bulb usually produces two or more spikes. When you receive your bulbs, open the package to admit air and leave the package open until you plant your bulbs. Sealed in an air tight package, bulbs will, after a time, mold.

Planting: Plant your bulbs when the trees are leafing out and the soil has warmed. In Madison we plant from early in April until the middle of June, altho we make our main planting during the month of May. We always save a few varieties like Shirley Temple to plant June 15 for late cut flowers. Any soil that will produce good vegetables will give you good glads. Plant in full sunshine away from trees and shrubbery. Cover the bulbs with 5 to 6 inches of soil—deep planting helps to support the plant and puts the bulb where there is usually sufficient moisture.

Fertilizing: You can do harm with too much fertilizer. We suggest a side dressing after the plants are up followed by a thorough soaking with water. Use any complete fertilizer—just do not use an excess. Two or three light feedings will do more than one heavy.

Cultivation: Glads do not like to be in competition with weeds and like to have the ground to themselves. Do not cultivate deep—two inches is sufficient. When the weeds are in the garden, cut them off but don't make too much work of it!

Watering: A large gladiolus bulb has sufficient food stored in it to produce a good spike in any soil provided it has sufficient water and good drainage. In other words, water is more important to glads than fertilizer. We plan to irrigate all our glads next year. A good thorough soaking once every week to ten days will do wonders for your glads, and by a good soaking we mean the equivalent of one inch of water.

Spraying: If your neighbors grow glads, you will probably have thrips in your glads. By the time you notice them it will be almost too late to do much. So the safe thing is to spray DDT every two weeks starting in June and continuing until you cut your spikes. We use one ounce of 50% DDT, wettable, in 3 gallons of water. We keep a hive of honey bees within fifty feet of one end of our gladiolus garden and have never found that DDT injured the bees—maybe we are lucky! But since we have been spraying with DDT (and we always use up what spray we have left in the tank on shrubbery around the house) we haven't noticed so many mosquitoes and flies around the place!

While we use spray (the spray is mounted on the tractor) you can also use 5% DDT dust with equal success. Dust should be applied early in the morning or late in the evening while dew is on the plants.

Cutting Bloom: Cut your bloom in the morning, preferably when one or two florets are open. Glads last much longer when cut and taken indoors. We like to nick the stem

about six inches above the ground with a sharp knife, then bend the spike away from the cut. It will usually break clean and leave five or more leaves on the plant to mature the bulb. This method of cutting requires a little practice, but it is fast and leaves the plant in good condition. To prolong the life of glads indoors, cut the stem a half inch each day and give fresh water.

Digging: Dig your bulbs the middle of October and cut the tops as close to the bulb as possible. Spread them out in the shade—we do not like sun-burned bulbs!—for a few days to dry, then dust with 5% DDT. Put them in a dry part of the basement and in four to six weeks the old bulb and roots will snap off from the new bulb leaving a clean scar. DO NOT husk the bulbs—nature has given them a husk to conserve moisture within the bulb. We remove the outer husk on bulbs we sell immediately before shipment for just two reasons: it makes them look better and occasionally we will find a spot of bruise or scab under the outer husk. If the old bulb does not snap off clean or if it looks diseased, then throw the bulb out.

Storing: Store in a cool dry part of the basement. A temperature range of 33°F to 45°F is best. Bulbs stored under moist conditions will be more susceptible to storage rot and disease. If your bulbs are in a cloth bag hung in the basement you can almost forget them until spring.

Dips Before Planting: We use several different fungicides on bulbs which we plant. New Improved Ceresan is good for those who have enough bulbs to bother getting it—the formulae is: one ounce (2 tablespoons) N. I. Ceresan, the same amount of Dreft or any other wetting agent and three gallons of water. Use just enough water on the Ceresan and wetting agent to make a paste of it before adding the rest of the water and it will mix more readily. Soak the bulbs not over 30 minutes and plant before they dry out in moist soil or soak down after planting.

We like to dust our planting stock of small bulbs and bulblets with Arasan before planting. It is easy and has certainly helped us produce clean bulbs. We can dust our small bulbs during March and then when the good spring days come they are all ready to plant. Arasan is available at the better garden supply houses.

Another dip: Lysol one and one half tablespoons to a gallon of water, soak three hours and plant before they dry.

More and more commercial growers are getting back to the old mercuric chloride dip for bulbs and while it is extremely satisfactory for large plantings is too dangerous to recommend. If we can locate the right size wood tank before planting season we will use bichloride next spring.

For up-to-the-minute news about glads, join your local or state Gladiolus society, and/or the New England Gladiolus Society, Horticulture Hall, Boston 15, Mass., dues \$2.00 per year, or the North American Gladiolus Council, 2 Williams St., Bel Air, Maryland—dues \$1.00, both of which publish very readable glad information.

COLLECTIONS OF BULBS

If you would like to have us select gladiolus for you, the following collections are priced well below their catalog value. The colors used will be selected from this catalog and from about five hundred other varieties and seedlings which we grow.

- | | |
|---|--------|
| #1. 20 varieties, 1 large bulb of each, unlabeled | \$1.00 |
| #2. 50 large bulbs, at least 15 different colors, unlabeled | 2.50 |
| #3. 100 large bulbs, 5 each of 20 different varieties, PLUS at least 2 FREE bulbs of newer varieties, labeled | 5.00 |
| #4. An all WHITE collection: 75 bulbs, labeled, of white and light cream varieties | 5.00 |
| #5. An all SMOKY collection: 75 bulbs, labeled, of smoky varieties | 5.00 |

SIZE OF BULBS

LARGE bulbs (L) are 1¼" and larger in diameter. This size produces the finest spikes. MEDIUM bulbs (M) are from ¾" to 1¼" in diameter.

SMALL bulbs (S) average ½" in diameter and must be grown for one year before they will produce a satisfactory spike.

HOME GARDENER'S SPECIAL

We will supply large bulbs of the following varieties at 10 bulbs of a variety for \$.60. If you select 100 or more bulbs from the following list they will be supplied at \$5.00 per hundred. Not less than 10 bulbs of a variety will be furnished at these prices. Please give two or three second choices from this list for by the end of the season a lot of the varieties will be sold out. Bulbs ordered from this list will be shipped express collect.

ALADDIN, reddish salmon
AVALON, ruffled light pink
BAGDAD, lavender smoky
BLAZE, red
CAMELLIA, white
CANDY HEART, pink
CORAL GLOW, coral
DEBONAIR, tall pink
DIXIE GOLD, gold
ETHEL CAVE COLE, pink
FIREBALL, red
GARDENIA, cream
GEN. MAC ARTHUR, pink
GLOAMING, lavender
GUNPOWDER, buff
H. B. PITT, pink
HIGH FINANCE, smoky
HINDENBURG'S MEMORY, red
IEKA, gray smoky
INDIAN PRINCESS, deep rose
INTERMEZZO, cream
JASMINE, lemon yellow
KING ARTHUR, lavender
KING BEE, scarlet
KING LEAR, purple
KEWPIE, small red

LEXINGTON, purple
LOIS, huge light pink
LOTUS, pink and white
LOVELINESS, tiny pink and white
MAGNOLIA, pink
MASSASSOIT, small red
MYRNA, ruffled white
PEGGY LOU, deep pink
PINOCCHIO, yellow
PRAIRIE BEAUTY, salmon scarlet
R. B., brown
RED LIGHTNING, red
ROCKET, red
ROSA VAN LIMA, pink
ROSY MORN, coral rose
RUFFLED SNOW, white
SILENTIUM, white
SNOW PRINCESS, white
SNOW WHITE, white
STELLA ANTISDALE, pink
SYLVIA TWING, pink
VASSAR, apricot
VEE CREAM, cream
WANDA, cream
WHITE GOLD, light cream
YELLOW EMPEROR, yellow

PLEASE READ CAREFULLY

Business Terms

We aim to send out only healthy bulbs, true to name, and will cheerfully refund the purchase price on any order found unsatisfactory upon receipt and promptly returned. No guarantee of growth is implied in the sale nor can we be responsible for the crop. The right is reserved to substitute smaller bulbs if stock of large bulbs of a variety is sold out; in which case a sufficient number of bulbs will be added to your order to more than offset the difference in price. All orders are placed with these conditions accepted by the purchaser, and orders are accepted subject to prior sale of stock.

All orders must be accompanied by cash in full. Orders from the retail list are prepaid to all points in the U.S.A. If orders from the Home Gardener's Special and the retail list are mixed, the entire order will be sent express collect and sufficient extras included to cover transportation on the bulbs ordered from the retail list.

Orders for less than \$2.00 (with the exception of Collection #1) are not solicited.

This price list cancels all previously published prices.

Wisconsin nursery certificate No. 1882.

ROGER B. RUSSELL

